

IN THE CLAIMS

Claim 1. (Currently Amended) A glass for a substrate, which consists essentially of:
in terms of weight percent

SiO₂ 40 to 59 %,
Al₂O₃ 5 to 20 %,
B₂O₃ 0 to 8 %,
MgO 0 to 10 %,
CaO 0 to 12 %, 
SrO ≥ 10.6 to 20 %,
BaO 0 to 2 %,
ZnO 0 to 4 %,
Li₂O 0 to 2 %,
Na₂O 0 to 10 %,
K₂O 0 to 8 %,
TiO₂ ≥ 1 to 10 %, and
ZrO₂ 0 to 5 %,

wherein MgO + CaO + SrO + BaO is at least 15 %;

Al₂O₃ + TiO₂ is at least 11 %;

TiO₂ + ZrO₂ is at least 2.3 %; and which has an average linear expansion coefficient of at least $70 \times 10^{-7}/^{\circ}\text{C}$ within the range of 50 to 350° C.

Bi₂O₃ is not present.

Claim 3. (Original) The glass for a substrate according to Claim 1, wherein BaO + Li₂O + Na₂O + K₂O is at most 14 %.

Claim 5. (Previously Amended) The glass for a substrate according to Claim 3,

wherein $\text{Li}_2\text{O} + \text{ZnO}$ is at most 2 %.

b2
Claim 6. (Currently Amended) The glass for a substrate according to Claim 1, wherein $\text{Li}_2\text{O} + \text{ZnO}$ is at most 2 %.

Claim 7. (Canceled)

Claim 8. (Currently Amended) The glass for a substrate according to Claim 1, which has a glass transition temperature of at least 600°C .

b3
Claim 9. (Currently Amended) A glass substrate made of the glass for a substrate as defined in Claim 1, wherein the number of attachments having sizes of at least $10\text{ }\mu\text{m}$ present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/\text{cm}^2$, and the number of attachments having sizes of ranging from $1\text{ }\mu\text{m}$ to less than $10\text{ }\mu\text{m}$ so present, is not more than $10^5/\text{cm}^2$.

b4
Claim 11. (Currently Amended) A glass substrate made of the glass for a substrate as defined in Claim 3, wherein the number of attachments having sizes of at least $10\text{ }\mu\text{m}$ present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/\text{cm}^2$, and the number of attachments having sizes of ranging from $1\text{ }\mu\text{m}$ to less than $10\text{ }\mu\text{m}$ so present, is not more than $10^5/\text{cm}^2$.

b5
Claim 13. (Currently Amended) A glass substrate made of the glass for a substrate as defined in Claim 5, wherein the number of attachments having sizes of at least $10\text{ }\mu\text{m}$ present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/\text{cm}^2$, and the number of attachments having sizes of ranging from $1\text{ }\mu\text{m}$ to less than $10\text{ }\mu\text{m}$ so present, is not more than $10^5/\text{cm}^2$.

Claim 14. (Currently Amended) A glass substrate made of the glass for a substrate as defined in Claim 7, wherein the number of attachments having sizes of at least $10\text{ }\mu\text{m}$ present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20

hours, is not more than $1/\text{cm}^2$, and the number of attachments having sizes of ranging from $1\ \mu\text{m}$ to less than $10\ \mu\text{m}$ so present, is not more than $10^5/\text{cm}^2$.

65
Claim 15. (Currently Amended) A glass substrate made of the glass for a substrate as defined in Claim 8, wherein the number of attachments having sizes of at least $10\ \mu\text{m}$ present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/\text{cm}^2$, and the number of attachments having sizes of ranging from $1\ \mu\text{m}$ to less than $10\ \mu\text{m}$ so present, is not more than $10^5/\text{cm}^2$.

Claim 16. (Previously Added) The glass for a substrate according to Claim 1, wherein CaO is substantially excluded from the components of the glass.

Claims 17-23. (Withdrawn)

24. (Canceled)